

(12)特許協力条約に基づいて公開された国際出願

(19) 世界知的所有権機関
国際事務局



(43) 国際公開日
2001 年 11 月 1 日 (01.11.2001)

PCT

(10) 国際公開番号
WO 01/81127 A1

- (51) 国際特許分類: B60R 21/20
- (21) 国際出願番号: PCT/JP01/03058
- (22) 国際出願日: 2001 年 4 月 9 日 (09.04.2001)
- (25) 国際出願の言語: 日本語
- (26) 国際公開の言語: 日本語
- (30) 優先権データ:
特願2000-124868 2000 年 4 月 25 日 (25.04.2000) JP
特願2000-338225 2000 年 11 月 6 日 (06.11.2000) JP
- (71) 出願人 (米国を除く全ての指定国について): 東洋ゴム工業株式会社 (TOYO TIRE & RUBBER CO., LTD.)
[JP/JP]; 〒550-0002 大阪府大阪市西区江戸堀1丁目17番18号 Osaka (JP).

Toru [JP/JP]. 柴山賢治 (SHIBAYAMA, Kenji) [JP/JP].
尾藤和彰 (BITO, Kazuaki) [JP/JP]. 山地 猛 (YAMAJI, Takeshi) [JP/JP]. 曾木秀仁 (SOGI, Hidehito) [JP/JP].
佐々木崇至 (SASAKI, Takashi) [JP/JP]. 三原義則 (MIHARA, Yoshinori) [JP/JP]; 〒550-0002 大阪府大阪市西区江戸堀1丁目17番18号 東洋ゴム工業株式会社内 Osaka (JP).

(74) 代理人: 薫田 瑠子. 外 (TSUTADA, Akiko et al.); 〒541-0051 大阪府大阪市中央区備後町1丁目7番10号 ニッセイ備後町ビル9階 Osaka (JP).

(81) 指定国 (国内): JP, US.

(84) 指定国 (広域): ヨーロッパ特許 (DE, FR, GB).

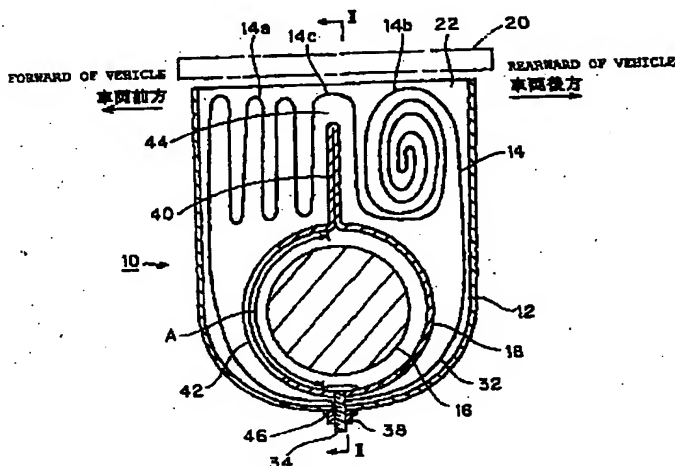
添付公開書類:
— 国際調査報告書

2 文字コード及び他の略語については、定期発行される各 PCT ガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

- (72) 発明者: および
(75) 発明者/出願人 (米国についてのみ): 尾崎 徹 (OZAKI,

(54) Title: AIR BAG DEVICE

(54) 発明の名称: エアバッグ装置



(57) Abstract: An air bag device (10) having an inflator (16) stored at the bottom of an upwardly opening case (12) and an air bag (14) stored on the upper opening side thereof, comprising a cylindrical diffuser (18) surrounding the outer periphery of the inflator (16) and a partition wall (40) projecting toward the case opening side and dividing an air bag storage space into front and rear parts provided on the diffuser (18), wherein the air bag (14) is stored dividedly on the vehicle front and rear sides of the partition wall (40), and the bottom part of the diffuser (18) is fixed to the bottom surface of the case (12) with the mouth parts (32) of the air bag (14) overlapped with each other below the diffuser (18) so as to fix the air bag mouth part (32) to the case (12), whereby the air bag device easy in air bag expanding behavior control and excellent in assemblage of the air bag into the case regardless of the compactness thereof can be provided.

[続表有]

Best Available Copy

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/03058

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl. B60R21/20		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) Int.Cl. B60R21/20		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2001 Kokai Jitsuyo Shinan Koho 1971-2001 Jitsuyo Shinan Toroku Koho 1996-2001		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 9-263209 A (Denso Corporation), 07 October, 1997 (07.10.97), & US 5887891 A	1-8, 10-14
Y	JP 9-48318 A (Toyo Tire and Rubber Co., Ltd.), 18 February, 1997 (18.02.97) (Family: none)	1-6, 14
Y	JP 2667964 B2 (TRW Vehicle Safety Systems, Inc.), 27 June, 1997 (27.06.97), & NO 952306 A & US 5468012 A & CA 2150443 A & EP 687597 A1 & PL 309079 A & CZ 9501526 A & DE 69517092 T	6-8, 10-14
Y	US 5671945 A (Daniel Allen Rhule), 30 September, 1997 (30.09.97), & WO 97027087 A1	6-8, 10-14
A	JP 10-6913 A (Denso Corporation), 13 January, 1998 (13.01.98) (Family: none)	9
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 27 July, 2001 (27.07.01)		Date of mailing of the international search report 07 August, 2001 (07.08.01)
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer
Facsimile No.		Telephone No.

Form PCT/ISA/210 (second sheet) (July 1992)

Best Available Copy